

Date: Thu, 1 Jul 93 06:35:51 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #804
To: Info-Hams

Info-Hams Digest Thu, 1 Jul 93 Volume 93 : Issue 804

Today's Topics:

 30M contacts for DXCC
 Amateur Radio Elmers List Info and Administrivia
 Any opinions on Icom W21-AT, especially audio?
 Changes to Amateur Radio Elmers Resource Directory
 Looking for SSTV image editor.
 PACKET AT THE 1993 ARRL NATIONAL CONVENTION
 Questions on DXCC Award

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 1 Jul 93 12:20:19 GMT
From: news-mail-gateway@ucsd.edu
Subject: 30M contacts for DXCC
To: info-hams@ucsd.edu

> > Another thing favoring 30m is the fact that DX worked there *doesn't*
> > count for DXCC. Kinda helps reduce pile-ups a bit...
>
> Is this true?
>
> I know you can't get a 5BDXCC endorsement on 30. From the rules:
>
> The 5BDXCC is endorsable for these additional bands: 160, 17, 12,
> 6, and 2 meters. 5BDXCC qualifiers are eligible for an
> individually engraved plaque (at a charge of \$25.00 US).

True, there is no 5BDXCC endorsement on 30, but 30m contacts *DO* count for DXCC (and for WAC). They do *NOT* count for WAS. I don't know what would happen, though, if you turned in a DXCC application exclusively from 30m contacts. When I asked ARRL if they count, they said, "Yes, we wouldn't have any problem if you had several 30m contacts in your application. Does that mean they WOULD have a problem if you had 250?

steve - W3GRG
mosier@iris.uncg.edu dit dit

Date: Thu, 1 Jul 1993 11:00:12 GMT
From: usc!howland.reston.ans.net!ux1.cso.uiuc.edu!moe.ksu.ksu.edu!crcnis1.unl.edu!
news.unomaha.edu!news@network.UCSD.EDU
Subject: Amateur Radio Elmers List Info and Administrivia
To: info-hams@ucsd.edu

Posted-By: auto-faq 2.4
Archive-name: radio/ham-radio/elmers/admin
Revision: 1.4 04/25/93 23:02:45
Changes: pit-manager.mit.edu is now rtfm.mit.edu

This administrivia file and the companion Amateur Radio Elmers Resource Directory are intended for non-commercial distribution via Usenet. Any other uses, please E-mail for permission.

A Brief Historical Overview:

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If there is any one constant in the changing state of the communications art, it is that "Hams" (Amateur Radio Operators) have always been on the forefront of it. Rumors abound where the term "Ham" came from. Some of the more amusing are described at the end of this article.

Regardless of origin of the name, a "Ham" is universally recognizable as one who experiments in radio and communications.

Whether it be constructing a low-power CW radio with vacuum tubes, or designing TCP/IP packet networks, such experimentation has historically spilled over into the mainstream such as was the case with Edwin Armstrong, who developed the regenerative oscillator and FM radio, or General Curtis LeMay (W6EZV) who was instrumental in making Single-Sideband the communications standard for the Strategic Air Command (1947-1992, now reorganized into a joint command called StratComm) and eventually the U.S. Air Force. Although packet-switching techniques originated from DARPA (Defense Advanced Research Projects Agency) and the ARPANet, no one can deny the tremendous influence that amateurs

have had in demonstrating the viability of TCP/IP and AX.25 communications via radio links. The efforts of AMSAT (the Amateur Satellite Corporation), including the development of many ham satellites and the low-orbiting Microsats (communications satellites no bigger than a breadbox that use store-and forward packet techniques), have certainly advanced the state-of-the-art in communications, one of the defined purposes of the Amateur Radio Service, as recognized by international treaty.

Since in many cases hams are writing "the book", there is often no "book" or other established reference for a beginner to refer to. Traditionally, information has been passed on from ham to ham via word-of-mouth. Like many of the traditional crafts, a variation of the Master-Apprentice system has emerged, the Elmer-Novice relationship. Called "Elmers" because they are usually older and wiser, having the benefit of many years in the hobby, including several failed projects, and an electric shock or two, they have traditionally been the mainstay of amateur radio, and the source of many new hams, particularly those interested in working on emerging technologies.

Even more importantly, Elmers provided an outlet for the impatient newcomer who wanted "to know everything, and right away." Faced with such a request, a good Elmer will smile and proceed to lead the novice through some project or operating experience. Several hours, days, or weeks later, the novice would have his answers, but would have earned them. Even better, the sense of accomplishment would boost the novice's confidence and nudge him or her down the road to being a model, experienced ham operator.

Many present hams feel that such an experience is missing today. In today's hustle-bustle world, the response to such natural curiosity and desire to learn is, more often than not, "I'm too busy" or "RTFM." As a result, the quality of new hams declines and the knowledge and operating habits they develop in their first formative months and years leave much to be desired. And the very same hams who claim that they "can't understand the new generation" also, in almost the same breath, lament about the "decline of amateur radio."

What is an Elmer today?

+++++

An Elmer today is of any age, male or female, who has some expertise and is willing to share it with beginners. Elmers don't even need to be licensed amateurs, just people with knowledge in some area of electronics or communications technology.

What is a Usenet Elmer?

+++++

With the ever-widening scope of the Internet, and the amateur radio newsgroups on Usenet, the potential for Elmers to share their knowledge to a wide audience has never been greater. To that end, I have started to maintain a list of such Elmers. Volunteers need only send me their name, E-mail address, and area of expertise. I have set up an administrivia mailbox for this purpose (elmers-request@unomaha.edu, the default Reply-To: of this message).

Those desiring a more extensive list, or who need more specific assistance, are encouraged to contact Rosalie White, WA1ST0, Educational Services Manager at the American Radio Relay League, 225 Main St., Newington, CT 06111 or via electronic mail addressed to rwhite@arrl.org.

How may I obtain the latest copy of the Elmers List?

+++++

There are currently 4 ways of obtaining the Elmers List. Any site at least reachable by Internet E-mail can use options 3 or 4:

1. Usenet News: The latest copy of the list can be found in the companion posting to this message, "Amateur Radio Elmers Resource Directory." Since the list is cross-posted to rec.radio.amateur.misc, rec.radio.info, rec.answers, and news.answers on the 1st of each month, with an expiration date 6 weeks into the future, there should always be a copy available at most news sites. Check your newsreader documentation for information about reading previously-read articles.

2. Anonymous FTP: If your site is directly connected to the Internet, you may retrieve the latest copy via File Transfer Protocol (FTP) from the following sites:

ftp.cs.buffalo.edu /pub/ham-radio/elmers*
rtfm.mit.edu /pub/usenet/news.answers/radio/ham-radio/elmers/*

3. Mailing-List: Since the list is cross-posted to rec.radio.info, the latest copy may be obtained from the mailing-list gateway for that newsgroup (along with many other informational articles about radio) when it is published each month. To subscribe, send E-mail to:

listserv@ucsd.edu

and in the BODY (not the Subject) of the message, write:

subscribe radio-info

The server may not be able to determine your return address. In that

case write:

subscribe radio-info (your E-mail address)

You should get an acknowledgement very shortly.

4. Mail-Server: If you don't want to read through the entire gateway of rec.radio.info, or want a copy of the list right away, send E-mail to:

mail-server@rtfm.mit.edu

and in the BODY (not the Subject) of the message, write:

send usenet/news.answers/radio/ham-radio/elmers/admin
send usenet/news.answers/radio/ham-radio/elmers/list
send usenet/news.answers/radio/ham-radio/elmers/diff

and the latest copy of the list should be sent to you E-mail within 24 hours (the mail-server uses batch priority to reduce system demand).

How may I contribute to the Elmers List?

+++++

By using this resource, you are benefitting the net by obtaining assistance in the fastest and most efficient way possible. By volunteering to appear on this list, you are contributing to the good reputation of the radio-related newsgroups.

Thanks to all the volunteer Elmers, as well as courteous list users, for making this service a success.

--

73, Paul W. Schleck, KD3FU

pschleck@unomaha.edu (personal mail)
elmers-request@unomaha.edu (Elmers List administrivia)

* Possible origins of the word HAM:

The acronym "Home Amateur Mechanic" or...

from the Cockney pronunciation of "L'amateur" or...

the initials of the founder of the American Radio Relay League, Hiram Maxim, W1AW (his actual middle name being Percy apparently notwithstanding) or...

from the call letters of one of the first amateur stations at Harvard, H.A.M. (please, no flames from W1XM at MIT)

Dale Mosby, N7PEX, offers the explanation that HAM must stand for "Hardly Any Money," considering the investment one could make in the hobby.

Knowledgeable individuals from the American Radio Relay League (ARRL), and other radio historians, seem to agree that the terms "Ham" and "Lid" (an inept operator) both originated with landline telegraphy. A "Ham" was a show-off and a "Lid" was a telegraph operator so inexperienced, he had to use a pot or can lid to rest his telegraph sounder on to properly copy the code.

As an interesting historical footnote, early telegraph operators may have been the first to experience the infamous curse of our communications age, Repetitive Stress (or "Carpal Tunnel") Syndrome (called "Glass Arm" in those days, which encouraged the invention of the semi-automatic or "bug" key).

(Larry E. McDonald, N6ZMB, wrote to point out another plausible origin, which doesn't necessarily contradict the ARRL version. The term "ham" may have been derived from "ham-fisted" or "ham-handed" to describe poor telegraph operators who were hired from the ranks of radio operators. Or maybe "ham-fisted" and "ham-handed" are derived from "ham." Who knows?)

Date: Thu, 1 Jul 1993 13:12:07 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
darwin.sura.net!rsg1.er.usgs.gov!dgg.cr.usgs.gov!bodoh@network.UCSD.EDU
Subject: Any opinions on Icom W21-AT, especially audio?
To: info-hams@ucsd.edu

In article <20tdu3\$fa5@techbook.techbook.com>, genew@techbook.techbook.com (Gene Wolford) writes:

|> Daniel W. Collison (Daniel.W.Collison@dartmouth.edu) wrote:
|> : I recently bought an Icom W21-AT 144/440 dual-bander and am
|> : disappointed with the audio; speaker seems small and puts out bad audio
|> : (?vibrating against plastic?). Using an external speaker, it sounds
|> : fine. Changing units didn't help--I suppose it's possible to have 2
|> : bad ones in a row.
|>
|> : Is this the experience of others?
|>
|> : Anyone able to compare with comparable dual-band HTs (Yaesu FT-530 or
|> : Alinco DJ-580)?
|>

|> : Thanks.
|>
|> : Dan N1PNE
|>
|> : Daniel.W.Collison@dartmouth.edu
|>
|>
|> I bought a FT-530 recently and although the sound quality is ok, (nothing
|> special, just ok), and is of sufficient volume in a quiet environment,
|> it can't cut it in the car with the windows down.
|> \$13 at Radio Crap bought a speaker made just for the purpose. They have one
|> with a 12v operated amp built in as well but the 530 has plenty of drive if
|> you bring it out to a "real" speaker.
|>
|> 73's
> Gene
I have the Alinco DJ-580T and am pleased with the audio quality and quantity
even in a noisy vehicle...

+++++
+ Tom Bodoh - Sr. systems software engineer, Hughes STX, N0X?? (in the mail) +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodo@dggs.cr.usgs.gov (152.61.192.66)
+
+ "Welcome back my friends to the show that never ends!" EL&P
+
+++++

Date: Thu, 1 Jul 1993 11:03:25 GMT
From: swrinde!gatech!howland.reston.ans.net!ux1.cso.uiuc.edu!moe.ksu.ksu.edu!
crcnis1.unl.edu!news.unomaha.edu!news@network.UCSD.EDU
Subject: Changes to Amateur Radio Elmers Resource Directory
To: info-hams@ucsd.edu

Posted-By: auto-faq 2.4
Archive-name: radio/ham-radio/elmers/diff

(Note: This diff file is taken from the list body only.)

/usr/bin/diff -c (last month's) (this month's)

*** /u3/pschleck/faq/elmers/list.body.old Tue Jun 1 06:00:47 1993
--- /u3/pschleck/faq/elmers/list.body.new Thu Jul 1 06:00:03 1993

*** 1,4 ***

! Amateur Radio Elmers Resource Directory (as of 06/01/93)
+++++

Jeff Angus WA6FWI

--- 1,4 ---

! Amateur Radio Elmers Resource Directory (as of 07/01/93)

+++++

Jeff Angus WA6FWI

*** 137,144 ***

experience with numerous programs. (including ARAP Apple remote dial-in stuff).

! Hope to experiment with NOS and Baycom modem on a Mac+ soon.

+++++

John Brewer WB50AU

--- 137,147 ---

experience with numerous programs. (including ARAP Apple remote dial-in stuff).

! ampr.org IP Coordinator for Western New York subnet (44.069.xxx.xxx)

+ (There is a readdressing plan which I will gladly mail to anyone
+ who requests it.)

+

+++++

John Brewer WB50AU

*** 262,267 ***

--- 265,295 ---

+++++

+ Rev. Michael P. Deignan KD1HZ

+

+ A new ham-radio archive site and callsign server center has been set up
+ on the Internet.

+

+ The Buckmaster CD-ROM callsign database (which includes international
+ calls) and all the Buckmaster CD-ROM public domain files are available
+ for retrieval!

+

+ To access the Buckmaster callsign server

+

```
+ rlogin/telnet: 155.212.2.2 (or, ns.risc.net)
+ login as: hamradio (no password)
+
+ To access the file archives:
+
+ ftp to: 155.212.2.2
+ login as: ftp / anonymous
+ password: your email address
+
+ Please direct all feedback and administrivia regarding this service to
+ root@ns.risc.net.
+
+ ++++++
+
+ Betsey Doane, K1EIC
```

Doane@CCSUA.CTStateU.Edu

*** 400,405 ***
--- 428,453 ---

```
+ -----
+ Brian Hammill, KD4BFJ | brianh@dante.exide.com
+ Software Engineer | Exide Electronics - Small Systems Group
+ Raleigh, NC | "Powering Your Network with Intelligent Solutions"
+ -----
+
+ I am especially interested in VHF/UHF and microwave amateur bands as well
+ as Amateur television. I am treasurer and a founding member of the
+ newly-formed Triangle Amateur Television Association in Raleigh-Durham-
+ Chapel Hill, NC. I am willing to share my expertise in the following
+ areas:
+
+ ATV - Getting started, starting local activity, repeaters.
+ VHF/UHF - Propagation, what you need to get started, operating portable,
+           contesting, DX.
+
+ Sealed Lead Acid Batteries - How to take care of them.
+
+ ++++++
+
+ Steve Harding KA6ETB
```

steveh@grafex.Cupertino.CA.US 408.252.0578 alternate: harding@nas.nasa.gov

*** 754,759 ***

--- 802,818 ---

++++++
+ John Rymell N3PFF
+ ryme@bloomu.edu
+ Bloomsburg University
+ Bloomsburg, PA
+
+ Have over 25 years in electronic/computer service work, antennas, SWL,
+ and a love of building just about anything from next to nothing (:^)!
+ Glad to help those in need.
+
+ +++++++
+

Stephen R. Salmon E-mail: steve@carlyle.com
Carlyle Systems, Inc. Phone: 415-345-2500

*** 1000,1011 ***

++++++

! Roger Taylor K9ALD

- rtaylor@ux1.cso.uiuc.edu
-
- K9ALD RT 5, Box 70, Mahomet, IL 61853 217-586-4958
-
Help on antennas, Air Force MARS, components, Tube circuits,
linear amplifiers, troubleshooting.

--- 1059,1070 ---

++++++

! Roger H. Taylor, PE rtaylor@ux1.cso.uiuc.edu
! 1106 Rayburn Ct. K9ALD AFA3WG
! Mahomet, IL 61853 Outdoor writer (Fishing)
! 217-586-4958 Skamania Reign Supreme!
! Manager, Network systems, OIM, University of Illinois

Help on antennas, Air Force MARS, components, Tube circuits,
linear amplifiers, troubleshooting.

*** 1057,1070 ***

++++++
!
! Jim Van Peursem KE0PH
!
! jvp@tools1.ee.iastate.edu
!
! Author of Virtuoso and Savant Packet/RTTY/AMTOR/CW terminal
! programs for the Apple Macintosh. For more information, consult
! Terry Stader's List of Macintosh Amateur Radio Software.
++++++
--Bruce Walker WT1M (bruce@think.com)
--- 1116,1144 ---
++++++
!
! | ---- | Johnathan Vail vail@tegra.com (508) 663-7435
! | Tegral jv@n1dxg.ampr.org N1DXG@448.625-(WorldNet)
! ----- MEMBER: League for Programming Freedom (league@prep.ai.mit.edu)
!
! ampr.org IP Coordinator for East/Central Massachusetts subnet
! (44.056.xxx.xxx)
!
! TAPR/9600 modem (putting some stuff together for a local repeater)
!
! ++++++
+ Jim Van Peursem - KE0PH
+
+ jvp@iastate.edu
+
+ Author of Savant, the packet radio communications program for the
+ Apple Macintosh. For more information, consult Terry Stader's List
+ of Macintosh Amateur Radio Software.
+
+ Also have a few years experience in Unix (especially HP-UX) and system
+ administration.
+
++++++
--Bruce Walker WT1M (bruce@think.com)

*** 1083,1095 ***
++++++

! ICBM: 122W 01' 9.2" / 37N 18' 30.1" Internet: steve@wattres.SJ.CA.US
! Left to his own devices, he'd be /dev/null. ..!{apple,mips,decwrl!gigo}!wattres

! Maintainer of rec.radio.amateur.packet FAQ list

Please direct all FAQ submissions, feedback, and administrative trivia to ! packet-faq@wattres.sj.ca.us.

Maintainer of On-Line Repeater Directory

--- 1157,1173 ---

! Maintainer of rec.radio.amateur.digital.misc FAQ

Please direct all FAQ submissions, feedback, and administrivia to
! digital-faq@wattres.sj.ca.us. If you think you have some valuable
! insights into non-packet digital modes, PLEASE contact me through
! that address. You might get added to the list... No, that's not
! a threat. ;)

Maintainer of On-Line Repeater Directory

73. Paul W. Schleck, KD3EU

pschleck@unomaha.edu (personal mail)
elmers-request@unomaha.edu (Elmers List administrivia)

Date: 28 Jun 93 21:52:14 GMT
From: news-mail-gateway@ucsd.edu
Subject: Looking for SSTV image editor.
To: info-hams@ucsd.edu

Hi everybody:

I am looking for HIRES.xxx, a SSTV editor for computer processed video, for C02VV, who is active on SSTV and AO-13. He could not remember the extension, or whether it is only a file or an archive. Does anyone knows about this and can pass a copy along via Internet e-mail, or could indicate where (host/directory/etc...) to look for it?

Thanks in advance,

Jose A. Amador, CO2JA.
radioaf@infomed.cu
co2ja@amsat.org

Date: 1 Jul 93 12:11:32 GMT
From: news-mail-gateway@ucsd.edu
Subject: PACKET AT THE 1993 ARRL NATIONAL CONVENTION
To: info-hams@ucsd.edu

PACKET TECHCON

THEME WORLDWIDE NETWORKING ON PACKET

1993 ARRL NATIONAL CONVENTION

Huntsville, Alabama
August 14-15, 1993

- * 56k baud...What is it? What does it do for the user?
Coordinated by GRAPES: Doug Drye (KD4NC) and Bruce Nebergall (K4TQL)
- * What is networking? AX.25 vs IP routing...
Coordinated by ALANET: Richard Elling (KB4HB)
- * 9600 baud workshop...How you do it!
Coordinated by the Gulf Coast 9600 Baud Group: David DeBlanc (WB5VMR), Angelo Glorioso (N5UXT), S. Felton Mitchell (WA40SR), James Moore (WU3V), and Geoffrey Peacock (KD4GOE)
- * User networking software...Where to get it...How to use it... Coordinated by ALANET: Jerry Pruett (KD4CIM)
- * LINUX...An easy way to get into the UNIX environment...
Coordinated by TENNET: Mark Bailey (N4XHX), Kelly Fulks (KC4RDJ), and David Wilson (WB5LH0)
- * (Possibly more)

VENUE

All forums will be in the same room for two days. A 56k baud station and 9600 baud stations (5 different type of modems) will be available for demonstrations and for user interaction. Each forum will be one hour long. Then, there will be a one hour break for questions, demonstrations, user operations, etc.

sponsored by

ALANET
Alabama's Packet Radio Coordinating Organization
and
GRAPES
Georgia Radio Amateur Packet Enthusiasts Society

in cooperation with

NORTH ALABAMA HAMFEST
and
AMERICAN RADIO RELAY LEAGUE

=====

=====
= Robert L. (Bob) Schafer =
= Auburn, Alabama USA =
= ampr: ka4pkb.ampr.org =
= ka4pkb@bbs.k4ry.ampr.org =
= internet: rlsnsdl@eng.auburn.edu =
=====

Date: 1 Jul 1993 12:17:49 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!usenet.ins.cwru.edu!hal!
rab@network.UCSD.EDU
Subject: Questions on DXCC Award
To: info-hams@ucsd.edu

Recently I received a bunch of QSL cards from the bureau and (by my count) went over the 100 mark. I submitted them for field checking for DXCC and was told that cards from the former Soviet republics can not be field checked. This supposedly is a change that became effective 1 January 1993.

My cards that fall into this category are

UA4LFR	Russia	17-Sep-91
UX1A	Russia	16-Feb-92
RC2CB	Byelorussia	13-Sep-91
R040A	Moldavia	11-Jan-92
UF6FAL	Georgia	21-Mar-92
RY1I	Ukraine	13-Dec-92

Can someone give me the complete story on this?

Also, can someone post the current information on which countries are field-checkable and which are not? Apparently, the information in the Fourth Edition of the ARRL Operating Manual is out-of-date and I'm wondering if my cards from F00CI, YX0AI, 5U7M, C9RJJ, etc are now eligible for field checking.

Thanks and 73,
Roger AA8DV

Date: Thu, 1 Jul 1993 12:24:23 GMT
From: overload.lbl.gov!agate!howland.reston.ans.net!math.ohio-state.edu!
magnus.acs.ohio-state.edu!csn!col.hp.com!news.dtc.hp.com!hpscit.sc.hp.com!
hpuerca.atl.hp.com!edh@dog.ee.lbl.gov
To: info-hams@ucsd.edu

References <1993Jun29.151124.28334@bongo.tele.com>,
<C9FqCM.1KB@hpuerca.atl.hp.com>, <1993Jul1.004147.3735@bongo.tele.com>.com
Subject : Re: Field Day. A bummer!

In <1993Jul1.004147.3735@bongo.tele.com> julian@bongo.tele.com (Julian Macassey)
writes:

> Well, your club seems no differnt than the clubs I described.

Ah, now I see. The Williamson County ARC did _lot's_ of things,
not _only_ FD and repeater chatter, but that's not good enough.
You're looking for a club that _never_ discusses FD and/or
repeaters. I suppose DX clubs, but no, most of them use repeaters
or at least packet clusters for spotting, hum ... Antique clubs?
No, it's too much fun using the old rigs at FD.

You could always join a Fishing Club and/or speak for them --
chances are you'd never hear another discussion of FD or
repeaters again.

Other suggestions netters?

:-)

Cheers & 73 Ed Humphries - N5RCK

Date: 1 Jul 93 12:26:43 GMT

From: pravda.sdsc.edu!news.cerf.net!usc!math.ohio-state.edu!darwin.sura.net!
newsserver.jvnc.net!netnews.upenn.edu!gopher.cs.uofs.edu!bill@network.UCSD.EDU
To: info-hams@ucsd.edu

References <20scrhINN8f5@network.ucsd.edu>, <20sit7\$5nc@dr-pepper.East.Sun.COM>, <C9G5J3.1rM@sugar.NeoSoft.COM>.uofs.ed

Subject : Re: Repeater coordination, complaints?

In article <C9G5J3.1rM@sugar.NeoSoft.COM>, jreese@NeoSoft.com (Jim Reese) writes:
|> In article <20sit7\$5nc@dr-pepper.East.Sun.COM> jimv@hienergy.East.Sun.COM (Jim Vienneau - Sun Microsystems) writes:

|>
|> >Requiring all the users to buy PL decode
|> >boards is not an ideal option either.
|>
|> Maybe not, but it will solve the problem in this case.
|>

Especially when you take into consideration the fact that Jim said the repeater is already generating PL. Seems he had anticipated the poroblem in the first place and it's only the users who have problem livinig with it.

bill KB3YV

--
Bill Gunshannon | "There are no evil thoughts, Mr. Rearden" Francisco
bill@cs.uofs.edu | said softly, "except one; the refusal to think."
University of Scranton |
Scranton, Pennsylvania | #include <std.disclaimer.h>

End of Info-Hams Digest V93 #804
